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PTO/SB/08B (10-96)

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   | Application Number       | Not yet Assigned                  |
|   |   | Filing Date              | January 29, 2004                  |
|   |   | First Named Inventor     | Rosana Kapeller-Libermann, et al. |
|   |   | Group Art Unit           | N/A                               |
|   |   | Examiner Name            | N/A                               |
|   |   | Attorney Docket Number   | MPI99-193CN2M                     |
| Sheet   | 1 | of                       | 2                                 |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                       |  |                |
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|   | CA                    | <del>BLAST searches in DBEST, NRN, NRP and PATENT Databases</del>  |                |
|   | CB                    | <del>Annotation on GenBank Accession No. U49278</del>  |                |
| RS  | CC                    | Anderson, "Human Gene Therapy," <i>Nature</i> , April 30, 1998, Vol. 392 Supp., pp. 25-30  |                |
| RS  | CD                    | Beattie et al., Abstract, "The Use of Multiple Pin Peptide Synthesis in an Analysis of the Continuous Epitopes Recognized by Various Anti-(recombinant bovine growth hormone) Sera," <i>European Journal of Biochemistry</i> , November 15, 1992, pp. 59-66, Vol. 210, No. 1 |                |
|   | CE                    | <del>Bloeker et al., Nucleotide and Protein Databases, Direct Submission, EBI UK Accession No. Q9NP17</del>  |                |
| RS  | CF                    | Cadel et al., "Aminopeptidase B from the Rat Testis is a Bifunctional Enzyme Structurally Related to Leukotriene-A <sub>4</sub> Hydrolase," <i>Proc. Natl. Acad. Sci. USA</i> , 1997, pp 2963-2968, Vol. 94  |                |
|   | CG                    | Dedinsky et al., "Antigenic Determinants of Cytochrome P450 Superfamily and Their Classification," 8 <sup>th</sup> Russia Cytochrome P450 Int. Conf., 1994, Abstract No. 119832  |                |
|   | CH                    | Draoui, et al., "Expression and Retinoid Modulation N-arginine Dibasic Convertase and an Aminopeptidase-B in Human Neuroblastoma Cell Lines," <i>Journal of Neuro-Oncology</i> , 1997, pp. 99-106, Vol. 31, No. 12   |                |
|   | CI                    | Foulon, et al., "Aminopeptidase B (EC 3.4.11.6)," <i>International Journal of Biochemistry &amp; Cell Biology</i> , July 1999, pp. 747-750, Vol. 31, No. 7   |                |
| RS  | CJ                    | Fukasawa, et al., "Molecular Cloning and Expression of Rat Liver Aminopeptidase B," <i>Journal of Biological Chemistry</i> , November 29, 1998, pp. 30731-30735, Vol. 271, No. 48  |                |

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<sup>1</sup>Unique citation design number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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|   |   | First Named Inventor     | Rosana Kapeller-Libermann, et al. |
|   |   | Group Art Unit           | N/A                               |
|   |   | Examiner Name            | N/A                               |
|   |   | Attorney Docket Number   | MPI99-193CN2M                     |
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|   | CK                    | Kristensen, "Human Aminopeptidase B cDNA Cloning," Nucleotide and Protein Sequences, Direct Submission Oct. 2000, EBI UK Accession No. Q9H4AA  |                         |
|   | CL                    | NCI-CGAP, Nucleotide and Protein Sequences, Direct Submission, EBI UK Accession No. A1582355   |                         |
|   | CM                    | NCI-CGAP, Nucleotide and Protein Sequences, Direct Submission, EBI UK Accession No. AWW16722U  |                         |
| RS  | CN                    | NGO et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , 1994, pp. 491-495  |                         |
| I   | CO                    | Piesse et al., "Human Aminopeptidase B on Chromosome 1q32.2:cDNA, Genomic Structure and Expression," Direct Submission May 1999, EBI UK Accession No. Q9H1D4   |                         |
| I   | CP                    | Rudinger, "Characteristics of the Amino Acids and Components of a Peptide Hormone Sequence," <i>Peptide Hormones</i> , June 1976, pp 5-7/  |                         |
| RS  | CQ                    | Sancho, et al., "Role of UEV-1, an Inactive Variant of the E2 Ubiquitin-Conjugating Enzymes, in In Vitro Differentiation and Cell Cycle Behavior of HT-29-M6 Intestinal Mucosecretory Cells," <i>Molecular and Cellular Biology</i> , Jan. 1998, pp. 576-589, Vol. 18, No. 1 |                         |
|   | CR                    | Sugano, et al., Nucleotide and Protein Sequences, Direct Submission, EBI UK Accession No. AK026644   |                         |
| RS  | CS                    | VERMA, et al., "Gene Therapy – Promises, Problems and Prospects," <i>Nature</i> , September 16, 1997, Vol. 389, pp. 239-242  |                         |
| Examiner Signature                                |                       |  | Date Considered 8/25/05 |

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   | Application Number       | 10767,308                         |
|  |   | Filing Date              | January 29, 2004                  |
|  |   | First Named Inventor     | Rosana Kapeller-Libermann, et al. |
|  |   | Group Art Unit           | 1635                              |
|  |   | Examiner Name            | Schnizer, Richard A.              |
| Sheet  | 1 | of                       | 1                                 |
|  |   | Attorney Docket Number   | MP199-193CN2M                     |

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| RS   | D1                    | PIESSE, C., et al., "Arginyl Aminopeptidase (Aminopeptidase B) [Homo Sapiens]," May 14, 2005 (sequence) GenPept [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on August 25, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenPept Accession No. NP_064601.3   |                |
|  | D2                    | PIESSE, C., et al., "Arginyl Aminopeptidase (Aminopeptidase B) [Homo Sapiens]," December 21, 2003 (sequence) GenPept [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on December 15, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenPept Accession No. NP_064601.2  |                |
|  | D3                    | BLOECKER, H., et al., "Hypothetical Protein DKFZp547H084 [Homo Sapiens]," November 2, 2000 (sequence) GenPept [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on December 15, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenPept Accession No. NP_064601.1   |                |
|  | D4                    | STRAUSBERG, Robert, "tq67b04.x1 NCI_CGAP_Lu19 Homo Sapiens cDNA Clone IMAGE:2213839 3' Similar to SW:AMPB_RAT O09175 Aminopeptidase B ;, mRNA Sequence," December 14, 1999 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 9, 2006]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. AF582355. |                |
|  | D5                    | STRAUSBERG, Robert, "xg72f09.x1 NCI_CGAP_Ut4Homo Sapiens cDNA Clone IMAGE:2633897 3' Similar to SW:AMPB_RAT O09175 Aminopeptidase B ;, mRNA Sequence," November 12, 1999 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 9, 2006]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. AF167220.   |                |
|  | D6                    | SUGANO, S., et al., "Homo Sapiens cDNA: FLJ22991 fis, Clone KAT11853, Highly Similar to HSU49278 Homo Sapiens UEV-1 (UBE2V) mRNA," September 12, 2003 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 9, 2006]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. AK026644.                      |                |
|  | D7                    | SANCHO, E., et al., "Homo Sapiens UEV-1 (UBE2V) mRNA, Partial Cds," February 17, 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 9, 2006]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. U49278.  |                |
|  | D8                    | WANG, Y., et al., "Env-Like Protein," June 1, 2003 (sequence) GenPept [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 9, 2006]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenPept Accession No. Q9NP17.   |                |
| AS   | D9                    | PIESSE, C., et al., "Aminopeptidase B (Ap-B) (Arginyl Aminopeptidase) (Arginine Aminopeptidase)," Created on February 28, 2003 (sequence) GenPept [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 9, 2006]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenPept Accession No. Q9H4A4.   |                |

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